

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--------------------|------------------|---------|---------------------|
| S1 | 2 | ("1982770" "3565398").PN. | US-PGPUB; USPAT | ADJ | ON | 2008/03/11 09:16 |
| S2 | 1 | "10561978" | US-PGPUB; USPAT | ADJ | ON | 2008/03/11 09:21 |
| S3 | 242 | 417/510.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/03/11 09:21 |
| S4 | 163 | 417/525.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/03/17 15:50 |
| S5 | 97 | 417/514.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/03/17 15:53 |
| S6 | 41 | 417/508.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/03/17 16:10 |
| S13 | 4 | (pump SAME piston) AND (double valve SAME (bore or hole or inlet or outlet))AND "417". clas. | US-PGPUB; USPAT | ADJ | ON | 2008/03/18 11:49 |
| S14 | 638 | (pump SAME piston) AND (valve SAME (bore or hole or inlet or outlet))AND "417". clas. AND linkage | US-PGPUB; USPAT | ADJ | ON | 2008/03/18 11:49 |
| S18 | 65 | 417/427.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/03/18 12:24 |
| S19 | 168 | 417/506.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/03/18 12:27 |
| S21 | 774 | pump SAME compensator AND valve | USPAT | OR | OFF | 2008/03/18 12:39 |
| S22 | 301 | pump SAME compensator AND valve AND rod | USPAT | OR | OFF | 2008/03/18 12:39 |
| S24 | 56 | pump SAME compensator AND valve AND rod AND "417". clas. | USPAT | OR | OFF | 2008/03/18 12:42 |

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|-----|------|---|------------------------------|----|-----|---------------------|
| S25 | 68 | 417/512.ccls. | USPAT | OR | OFF | 2008/03/18 14:04 |
| S26 | 194 | 417/517.ccls. | USPAT | OR | OFF | 2008/03/18 14:11 |
| S27 | 93 | 417/518.ccls. | USPAT | OR | OFF | 2008/03/18 14:39 |
| S28 | 161 | 417/531.ccls. | USPAT | OR | OFF | 2008/03/18 14:49 |
| S29 | 5 | ("4337223" "4990066" "5220925" "5556073" "6592339").PN. OR ("7331773"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/18 14:51 |
| S30 | 225 | 417/537.ccls. | USPAT | OR | OFF | 2008/03/18 15:36 |
| S31 | 2 | ("2752862"). URPN. | USPAT | OR | OFF | 2008/03/18 15:42 |
| S32 | 317 | 417/536.ccls. | USPAT | OR | OFF | 2008/03/18 16:25 |
| S33 | 114 | 417/535.ccls. | USPAT | OR | OFF | 2008/03/18 17:03 |
| S34 | 1 | "3898811".pn. | USPAT | OR | OFF | 2008/03/18 17:09 |
| S35 | 539 | 251/279.ccls. | USPAT | OR | OFF | 2008/03/18 17:16 |
| S36 | 9 | piston AND pump AND 251/279.ccls. | USPAT | OR | OFF | 2008/03/18 17:17 |
| S37 | 6 | piston AND pump AND 251/230.ccls. | USPAT | OR | OFF | 2008/03/18 17:21 |
| S38 | 268 | 251/230.ccls. | USPAT | OR | OFF | 2008/03/18 17:21 |
| S39 | 21 | pump AND 251/279.ccls. | USPAT | OR | OFF | 2008/03/18 17:23 |
| S40 | 1513 | piston SAME pump SAME valve SAME link\$4 | USPAT | OR | OFF | 2008/03/18 17:28 |
| S41 | 242 | piston SAME pump SAME valve SAME link\$4 AND "417".clas. | USPAT | OR | OFF | 2008/03/18 17:29 |

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|-----|-----|---|------------------------------|-----|-----|---------------------|
| S42 | 47 | ("3365061" "3558242" "3825122").PN. OR ("4187173"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/03/18 17:39 |
| S43 | 10 | ("2908478"). URPN. | USPAT | OR | OFF | 2008/03/18 17:51 |
| S44 | 3 | ("517589").URPN. | USPAT | OR | OFF | 2008/03/19 10:14 |
| S46 | 553 | 251/279.ccls. | US-PGPUB; USPAT | ADJ | OFF | 2008/03/19 10:29 |
| S47 | 539 | 251/279.ccls. | USPAT | OR | OFF | 2008/03/19 10:30 |
| S48 | 14 | S46 NOT S47 | US-PGPUB; USPAT | ADJ | OFF | 2008/03/19 10:30 |
| S49 | 272 | 251/230.ccls. | US-PGPUB; USPAT | ADJ | OFF | 2008/03/19 10:31 |
| S50 | 69 | 417/512.ccls. | US-PGPUB; USPAT | ADJ | OFF | 2008/03/19 10:41 |
| S51 | 198 | 417/517.ccls. | US-PGPUB; USPAT | ADJ | OFF | 2008/03/19 10:42 |
| S52 | 194 | 417/517.ccls. | USPAT | OR | OFF | 2008/03/19 10:42 |
| S53 | 4 | S51 NOT S52 | US-PGPUB; USPAT | ADJ | OFF | 2008/03/19 10:42 |
| S56 | 95 | 417/518.ccls. | US-PGPUB; USPAT | ADJ | OFF | 2008/03/19 10:43 |
| S57 | 163 | 417/531.ccls. | US-PGPUB; USPAT | ADJ | OFF | 2008/03/19 10:44 |
| S58 | 225 | 417/537.ccls. | US-PGPUB; USPAT | ADJ | OFF | 2008/03/19 10:44 |
| S59 | 319 | 417/536.ccls. | US-PGPUB; USPAT | ADJ | OFF | 2008/03/19 10:44 |
| S60 | 317 | 417/536.ccls. | USPAT | OR | OFF | 2008/03/19 10:45 |
| S61 | 2 | S59 NOT S60 | US-PGPUB; USPAT | ADJ | OFF | 2008/03/19 10:45 |
| S62 | 114 | 417/535.ccls. | US-PGPUB; USPAT | ADJ | OFF | 2008/03/19 10:45 |

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| S68 | 2500 | (pump SAME piston) AND cylinder AND (cas \$3 OR hous\$3) AND (valve WITH (rod OR arm OR shaft)) SAME (link \$3 OR lever) | US-PGPUB; USPAT | ADJ | OFF | 2008/03/19 11:12 |
| S72 | 1831 | (pump SAME piston) SAME (valve WITH (rod OR arm OR shaft)) AND lever | US-PGPUB; USPAT | ADJ | OFF | 2008/03/19 13:04 |
| S75 | 99 | 251/213.ccls. | US-PGPUB; USPAT | ADJ | OFF | 2008/03/19 14:14 |
| S76 | 212 | 417/375.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/03/25 10:21 |
| S77 | 248 | 417/399.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/03/25 11:09 |
| S78 | 18 | ("0516410" "3331330" "3626968" "4332368" "4367140" "4913809" "5462414" "Re32144" "Re33135").PN. OR ("6203696"). URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/03/25 11:14 |
| S79 | 16 | ("3971213" "4286925" "4406122" "4483662" "4530645" "4990058").PN. OR ("5281100"). URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/03/25 11:21 |
| S80 | 206 | 417/515.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/03/25 11:57 |
| S81 | 89 | 417/516.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/03/25 11:57 |
| S82 | 2 | ("2752862"). URPN. | USPAT | ADJ | ON | 2008/03/25 17:29 |
| S83 | 3 | ("517589").URPN. | USPAT | ADJ | ON | 2008/03/25 17:29 |

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| S84 | 3550 | "417".clas. and pump SAME (valve SAME (thread OR nut OR bolt OR adjust \$4)) | US-PGPUB; USPAT | ADJ | ON | 2008/03/27 11:39 |
| S85 | 1527 | "417".clas. and pump SAME (valve NEAR5 (thread OR nut OR bolt OR adjust \$4)) | US-PGPUB; USPAT | ADJ | ON | 2008/03/27 11:40 |
| S87 | 7 | "417".clas. and pump SAME (valve rod NEAR5 (thread OR nut OR bolt OR adjust \$4)) | US-PGPUB; USPAT | ADJ | ON | 2008/03/27 11:41 |
| S88 | 33 | pump SAME lever ratio | US-PGPUB; USPAT | ADJ | ON | 2008/03/27 16:36 |

3/ 27/ 2008 7:26:26 PM

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 \10561978 Piston Pump.wsp